



# Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-008

Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 29/05/2026 to 02/06/2026

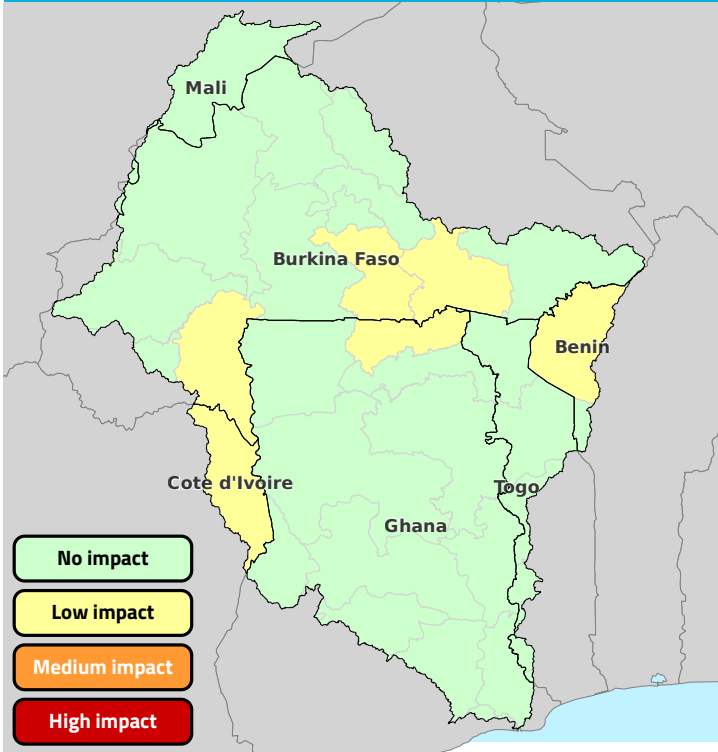
## Impact from Extreme precipitation



## Impact from River Floods



## Combined assessment of precipitation and floods



## VBA outlook

Forecasts of the impacts of heavy rains in the Volta basin show a low impact in the Djoro, Nazinon, Nakambé regions in Burkina Faso and Zanzan in Côte d'Ivoire over the next five days.

Moreover, a low impact is expected in the Upper East regions in Ghana and Atacora in Benin during the same period.

Impact-based forecasts are derived from automated analysis.



# Detailed outlook on extreme precipitation for the next 5 days

#2026-008

Valid from 29/05/2026 to 02/06/2026

## Impact from Extreme precipitation

**Low impact**

Burkina Faso (Centre-Est, Centre-Sud, Sud-Ouest), Benin (Atacora), Cote d'Ivoire (Zanzan), Ghana (Upper East)



**Agence Nationale de la Météorologie (METEO-BENIN)**

Impact-based forecast are derived from automated analysis.



**Agence Nationale de la Météorologie (ANAM)**

Impact-based forecast are derived from automated analysis.



**Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)**

The rain forecasts for the next five days indicate low rainfall, less than 10 mm, from May 29 to June 1, 2026 in the Gontougo and Bounkani regions. Moderate rains, between 20 mm and 50 mm, are then expected on June 2, 2026, especially in villages located north of the Bounkani region (Doropo, Danoa Varale, Danoa, etc.). The expected impacts on the populations of the Ivorian portion of the Volta basin remain low



**Ghana Meteorological Agency (GMET)**

Generally, low to moderate rainfall is expected across most parts of the Ghanaian section of the Volta Basin over the next five days. Areas around Upper East (Bawku, Bolgatanga, Navrongo and Sandema) are expected to record rainfall amounts of about 20mm to 50mm. The remaining parts of the basin is expected to record moderate rains of about 2mm to 20mm for the next five days.



**Agence Nationale de la Météorologie (MALI-METEO)**

Impact-based forecast are derived from automated analysis.



**Agence Nationale de la Météorologie (ANAMET)**

Low to moderate rain-storm activities are expected in the Togolese portion of the Volta Basin. The accumulation of daily rains will not have an impact on the population.




# Detailed outlook on river floods for the next 5 days


#2026-008


Valid from 29/05/2026 to 02/06/2026


## Impact from River Floods


None


 **Direction Générale de l'Eau (DG Eau)**  
 Impact-based forecast are derived from automated analysis.

 **Direction Générale des Ressources en Eau (DGRE)**  
 The joint hydrological forecast of the Continuum and FANFAR models for the next five days indicates overall low levels of rivers in the Volta basin in Burkina Faso. However, a very low risk of flooding could occur in the Djoro, Nazinon and Nakambé basins.

 **Direction de l'Hydrologie (DH)**  
 Impact-based forecast are derived from automated analysis.

 **Ghana Hydrological Authority (HYDRO)**  
 There shall be no impact from inundation for the next five (5) days in the country. Water levels across the country in the basin remain minimal and therefore no inundation is expected for the next five (5) days in the country. Adidome and surrounding areas are expected to experience elevated water levels but that is not expected cause any inundation within the period.

 **Direction Nationale de l'Hydraulique (DNH)**  
 Impact-based forecast are derived from automated analysis.

 **Direction des Ressources en Eau (DRE)**  
 Water levels remain very low. Based on the forecasts of the FANFAR model and ANAMET for the period from May 29 to June 2, the Togolese portion of the Volta basin should not cause any flooding impact on populations and properties.



## Methodological note on impact evaluation

Regions are color-coded into four impact classes based on increasing rates of population affected, from level 1 (no impact, green) to level 4 (high impact, red).

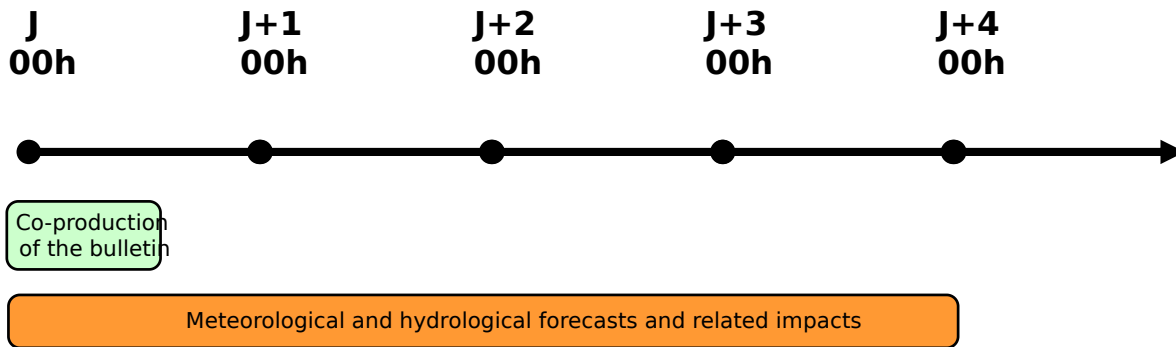
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

The multi-hazard assessment map shows the highest level of impact between the hazards considered according to the hydro-meteorological conditions forecast for the next 5 days.

Impact Level	Value Impact
Green: No Impact	0 people
Yellow: Low Impact	< 0.5% admin unit pop
Orange: Medium Impact	< 5% admin unit pop or > 10k people
Red: High Impact	> 5% admin unit pop or > 50k people

## Procedure and acknowledgments

The bulletin is issued twice a week, Tuesday and Friday, at 1:30 p.m. GMT thanks to the co-production work between the meteorological and hydrological agencies of the 6 riparian countries and the Volta Basin Authority (VBA). It provides a level 1 administrative unit scale overview of the population impact forecast for the next 5 days related to forecasted heavy rain and riverine flooding conditions.



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This bulletin for the Volta basin is produced by the VBA with the technical and scientific assistance of the agencies in charge of meteorology and hydrology of the 6 riparian countries (Benin: DG-Eau, Météo Bénin; Burkina Faso: DGRE, ANAM; Cote d'Ivoire: DH, SODEXAM; Ghana: GHA, GMet; Mali: DNH, Mali Météo; Togo: DRE, DGMN), WMO, GWP-WA, CIMA Foundation with the support of the Adaptation Fund.

